



012904

17364 U.S. PTO

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.

1184-09

First Inventor

Bernhard Schmitt

Title

TURBINE WHEEL FOR DRIVING RAPIDLY ROTATING TOOLS

Express Mail Label No.

EL 898590178 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 17]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 02]
5. Oath or Declaration [Total Pages 02]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ /

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit:

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

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or ☐ Correspondence address below

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Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Blake A. O'Neill

Registration No. (Attorney/Agent)

50,190

Signature

Date

29 January 2004

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# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Complete If Known

TOTAL AMOUNT OF PAYMENT (\$) 394

Application Number  
Filing Date 29 January 204  
First Named Inventor Bernhard Schmitt  
Examiner Name  
Group / Art Unit  
Attorney Docket No. 1184-09

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
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Deposit Account Name THE MAXHAM FIRM

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Fee Code | Entity (\$) | Small Fee Code | Entity (\$) | Fee Description        | Fee Paid |
|----------------|-------------|----------------|-------------|------------------------|----------|
| 1001           | 770         | 2001           | 385         | Utility filing fee     | 385      |
| 1002           | 340         | 2002           | 170         | Design filing fee      |          |
| 1003           | 530         | 2003           | 265         | Plant filing fee       |          |
| 1004           | 770         | 2004           | 385         | Reissue filing fee     |          |
| 1005           | 160         | 2005           | 80          | Provisional filing fee |          |

SUBTOTAL (1) (\$) 385

### 2. EXTRA CLAIM FEES

|                    |    |        |   |   |   |    |   |   |
|--------------------|----|--------|---|---|---|----|---|---|
| Total Claims       | 21 | -20 ** | = | 1 | X | 9  | = | 9 |
| Independent Claims | 2  | -3 **  | = | 0 | X | 43 | = | 0 |
| Multiple Dependent |    |        |   |   | X |    | = | 0 |

| Large Fee Code | Entity (\$) | Small Fee Code | Entity (\$) | Fee Description  |
|----------------|-------------|----------------|-------------|--|
| 1202           | 18          | 2202           | 9           | Claims in excess of 20                                     |
| 1201           | 86          | 2201           | 43          | Independent claims in excess of 3                          |
| 1203           | 290         | 2203           | 145         | Multiple dependent claim, if not paid                      |
| 1204           | 86          | 2204           | 43          | ** Reissue independent claims over original patent         |
| 1205           | 18          | 2205           | 9           | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 9

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|----------|-----------------------|----------|-----------------------|--|----------|
| 1051     | 130                   | 2051     | 65                    | Surcharge - late filing fee or oath  |          |
| 1052     | 50                    | 2052     | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053     | 130                   | 1053     | 130                   | Non-English specification  |          |
| 1812     | 2,520                 | 1812     | 2,520                 | For filing a request for reexamination                                     |          |
| 1804     | 920*                  | 1804     | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*                | 1805     | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110                   | 2251     | 55                    | Extension for reply within first month                                     |          |
| 1252     | 420                   | 2252     | 210                   | Extension for reply within second month                                    |          |
| 1253     | 950                   | 2253     | 475                   | Extension for reply within third month                                     |          |
| 1254     | 1,480                 | 2254     | 740                   | Extension for reply within fourth month                                    |          |
| 1255     | 2,010                 | 2255     | 1,005                 | Extension for reply within fifth month                                     |          |
| 1401     | 330                   | 2401     | 165                   | Notice of Appeal   |          |
| 1402     | 330                   | 2402     | 165                   | Filing a brief in support of an appeal                                     |          |
| 1403     | 290                   | 2403     | 145                   | Request for oral hearing   |          |
| 1451     | 1,510                 | 1451     | 1,510                 | Petition to institute a public use proceeding                              |          |
| 1452     | 110                   | 2452     | 55                    | Petition to revive - unavoidable   |          |
| 1453     | 1,330                 | 2453     | 665                   | Petition to revive - unintentional   |          |
| 1501     | 1,330                 | 2501     | 665                   | Utility issue fee (or reissue)   |          |
| 1502     | 480                   | 2502     | 240                   | Design issue fee   |          |
| 1503     | 640                   | 2503     | 320                   | Plant issue fee  |          |
| 1460     | 130                   | 1460     | 130                   | Petitions to the Commissioner  |          |
| 1807     | 50                    | 1807     | 50                    | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806     | 180                   | 1806     | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021     | 40                    | 8021     | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 1809     | 770                   | 2809     | 385                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810     | 770                   | 2810     | 385                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801     | 770                   | 2801     | 385                   | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900                   | 1802     | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

## SUBMITTED BY

Complete (if applicable)

|                   |                  |                                  |                 |           |              |
|-------------------|------------------|----------------------------------|-----------------|-----------|--------------|
| Name (Print/Type) | Blake O'Neill    | Registration No. Attorney/Agent) | 50,190          | Telephone | 619-233-9004 |
| Signature         | Blake A. O'Neill | Date                             | 29 January 2004 |           |              |

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BELINDA M. OWENS

(NAME)

Belinda M. Owens

(SIGNATURE)